

FIG. 1A

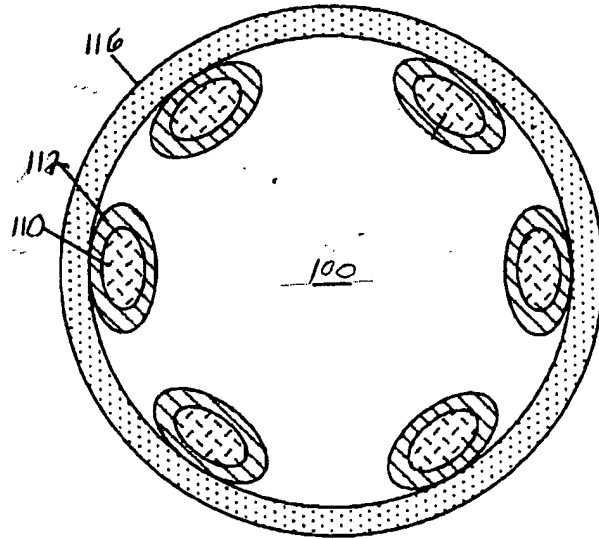


FIG. 1B

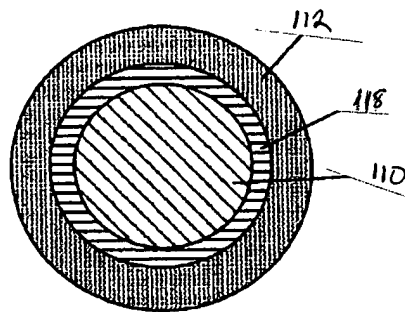


FIG. 1C

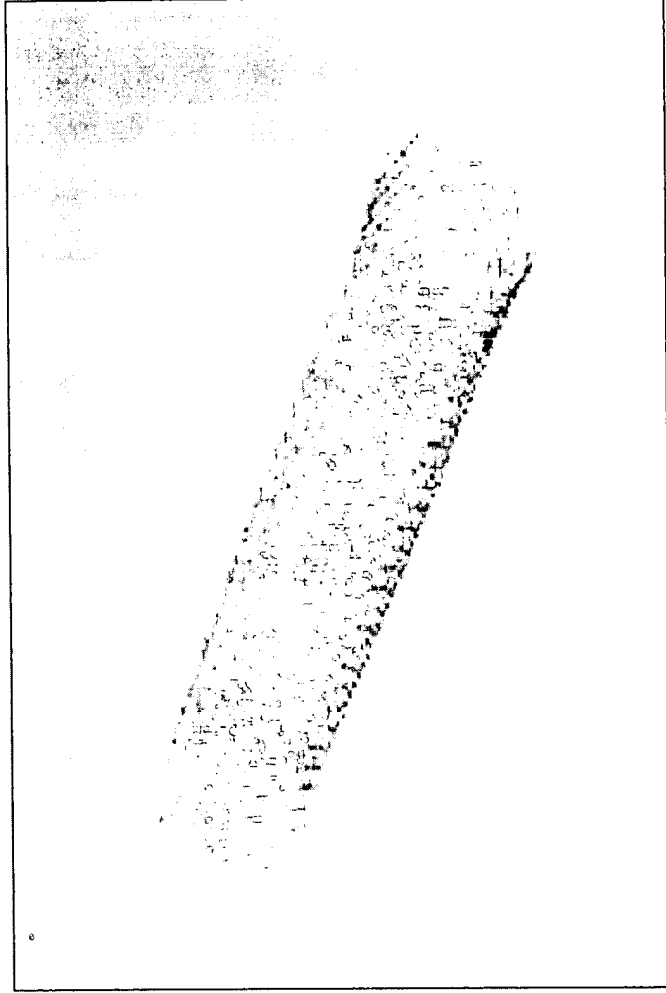


Fig. 2

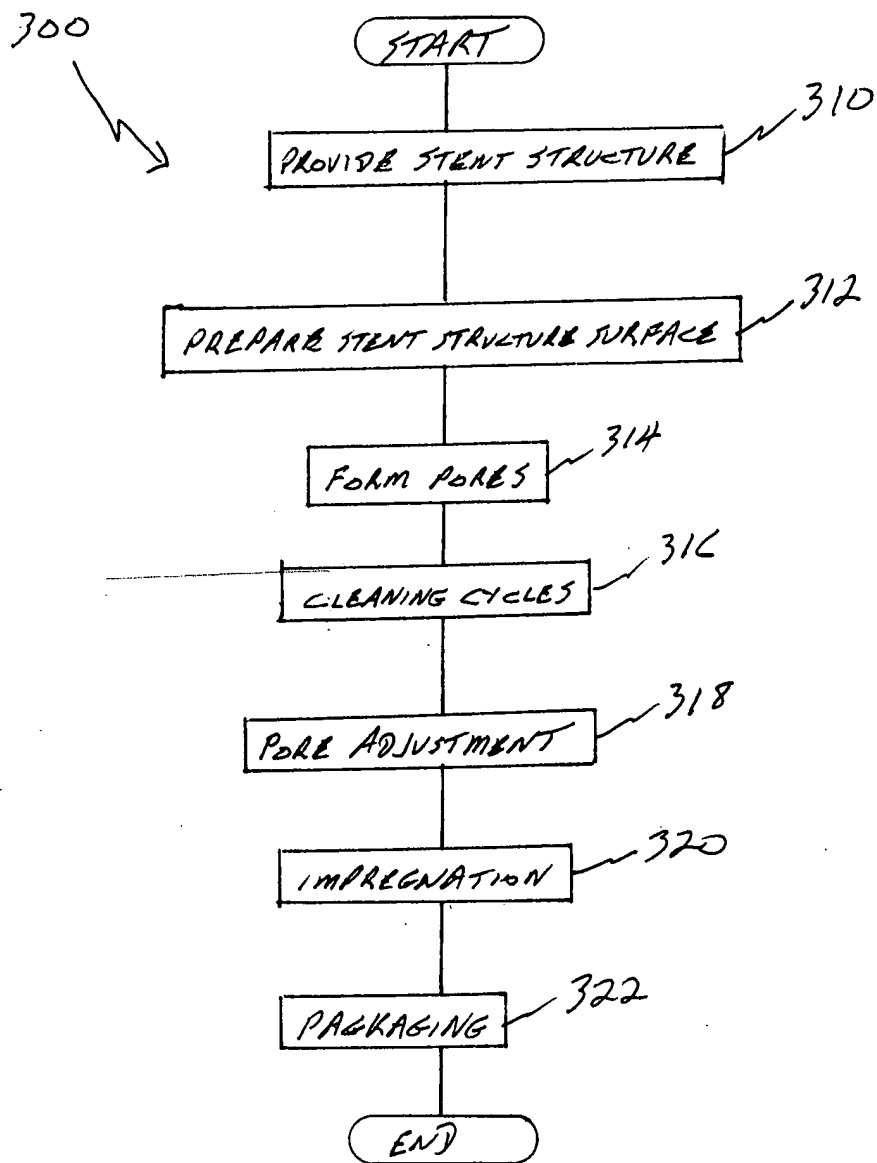


FIG. 3

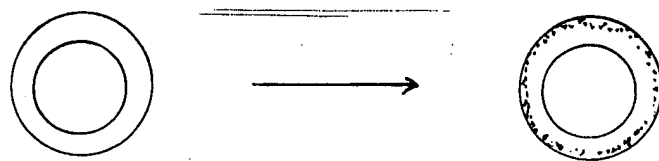


FIG. 4

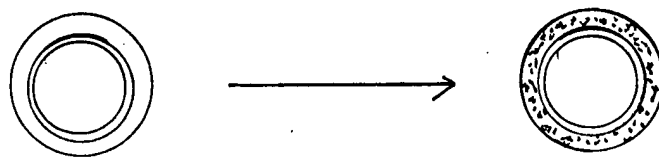


FIG. 5

Pore Sizes

Au_{0.25}Ag_{1-0.75}		SS 316		CoCr	
<i>Annealing Temperature (C)</i>	<i>Pore size (nm)</i>	<i>Annealing Temperature (C)</i>	<i>Pore size (nm)</i>	<i>Annealing Temperature (C)</i>	<i>Pore size (nm)</i>
as dealloyed	5-10	as dealloyed	5-15	as dealloyed	20 (110 C) 100 (140 C)
100	20	650	40		
200	30	750	100-150		
300	80	850	220		
400	110	900	300-500		
500	130	1050	1000		

- annealing time = 10 min for dealloyed silver-gold
- annealing time = 30 min for dealloyed SS 316

FIG. 6